Exhibit Name: Premium Calculation		
Exhibit Number: P11-9, Plan 90	**Reinsurance Year:** 2011	
Record Name: Acreage	**Version:** DRAFT	
Record Code: P11	**Release Date:** 9/23/2010	

Insurance Plan Code	90 Actual Production History		
Commodity Code	0012 Blueberries	0047 Dry Beans	0089 Pears	0223 Fresh Freestone Peaches
	0013 Onions	0049 Safflower	0092 Fresh Plums	0224 Early & Midseason Oranges
	0016 Oats	0052 Table Grapes	0094 Rye	0225 Late Oranges
	0017 Millet	0053 Grapes	0107 Alfalfa Seed	0226 All Other Grapefruit
	0019 Avocados	0054 Apples	0114 Buckwheat	0228 Ruby Red Grapefruit
	0022 Cotton Extra Long	0055 Culti Wild Rice	0147 Pumpkins	0229 Flue Cured Tobacco
	0023 Macadamia Nuts	0058 Cranberries	0201 Grapefruit	0230 Fire Cured Tobacco
	0028 Almonds	0059 Silage Sorghum	0202 Lemons	0231 Burley Tobacco
	0029 Walnuts	0060 Figs	0205 Mandarins	0232 Maryland Tobacco
	0031 Flax	0064 Green Peas	0206 Minnelo Tangelos	0233 Dark Air Tobacco
	0033 Forage Production	0067 Dry Peas	0215 Navel Oranges	0234 Cigar Filler Tobacco
	0034 Peaches	0069 Mustard	0216 Sweet Oranges	0235 Cigar Bindr Tobacco
	0036 Prunes	0072 Cabbage	217 Valencia Oranges	0236 Cigar Wrapper Tobacco
	0038 Sugar Cane	0074 Mint	0218 Fresh Apricots	0237 Orlando Tangelos
	0039 Sugar Beets	0075 Peanuts	0219 Processing Apricots	0238 Rio Red & Star Ruby
	0042 Sweet Corn	0084 Potatoes	0220 Fresh Nectarines	0255 Banana
	0043 Popcorn	0086 Fresh Tomatoes	0221Processing Cling Peaches	0256 Coffee
	0046 Canning Beans	0087 Tomatoes	0222 Processing Freestone	0257 Papaya

Calculations	**Field Name**	**Record Number**	**Field Number**	**Field Format**	**Field Rounding**	**Rules**
Section 1: Liability Calculation						
Guarantee Per Acre1 **=** Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	33	9.9999	None	

Exhibit Name:	Premium Calculation				
Exhibit Number:	P11-9, Plan 90		Reinsurance Year:	2011	
Record Name:	Acreage		Version:	DRAFT	
Record Code:	P11		Release Date:	9/23/2010	

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Premium Acre Guarantee Quantity = Guarantee Per Acre1 * Yield Conversion Factor	Premium Acre Guarantee Quantity	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Yield Conversion Factor	P11	64	9.999	None	Yield Conversion Factor must be valid; edit with the Yield Conversion ICE, "D00064".
Acre Guarantee Quantity = Guarantee Per Acre1 * Yield Conversion Factor * Guaranteed Adjustment Factor	Acre Guarantee Quantity	P11	100	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Yield Conversion Factor	P11	64	9.999	None	Yield Conversion Factor must be valid; edit with the Yield Conversion ICE, "D00064".
	Guaranteed Adjustment Factor	P11	75	0.999	None	Edit with the Guarantee Adjustment ICE, "D00068". Reduction ADM, "A00020".

		Exhibit Name:	Premium Calculation
		Exhibit Number:	P11-9, Plan 90
		Record Name:	Acreage
		Record Code:	P11

Reinsurance Year: 2011
Version: DRAFT
Release Date: 9/23/2010

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Premium Total Guarantee Amount = Premium Acre Guarantee Quantity * Reported Acreage	Premium Total Guarantee	Internal		99999999.99	When Unit of Measure equals Barrels or Tons, then Round to 1 ~~2~~ decimal~~s~~. Otherwise, Round to whole number.	
	Reported Acreage	P11	52	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage	Total Guarantee Amount	P11	97	99999999.99	When Unit of Measure equals Barrels or Tons, then Round to 1 ~~2~~ decimal~~s~~. Otherwise, Round to whole number.	
	Reported Acreage	P11	52	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.
Premium Liability Amount = Premium Total Guarantee Amount * Price Election Amount * Insured Share Percent	Premium Liability Amount	Internal		9999999999	Round to whole number	
	Price Election Amount	P11	49	9999.9999	None	Edit with ADM Price, "A00810".
	Insured Share Percent	P11	47	9.999	None	
Liability Amount = Total Guarantee Amount * Price Election Amount * Insured Share Percent	Liability Amount	P11	88	9999999999	Round to whole number.	
	Price Election Amount	P11	49	9999.9999	None	
	Insured Share Percent	P11	47	9.999	None	
When CEO Coverage Level is greater than zero then:						
CEO Coverage Factor = CEO Coverage Level / Coverage Level Percent - 1	CEO Coverage Factor	Internal		9.99999	Round to 5 decimals.	
	CEO Coverage Level	P11	68	9.9999	None	
	Coverage Level Percent	P14	33	9.9999	None	
CEO Premium Liability Amount = Premium Liability Amount * CEO Coverage Factor	CEO Premium Liability Amount	Internal		9999999999	Round to whole number.	
CEO Liability Amount = Liability Amount * CEO Coverage Factor	CEO Liability Amount	Internal		9999999999	Round to whole number.	
Premium Liability Amount = Premium Liability Amount + CEO Liability Amount	Premium Liability Amount	Internal		9999999999	None	
Liability Amount = Liability Amount + CEO Liability Amount	Liability Amount	P11	88	9999999999	Round to whole number.	

	Exhibit Name:	Premium Calculation		
	Exhibit Number:	P11-9, Plan 90	Reinsurance Year:	2011
	Record Name:	Acreage	Version:	DRAFT
	Record Code:	P11	Release Date:	9/23/2010

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 2: Base Premium Rate Calculation							
Current Year Yield Ratio **=** Rate Yield / Reference Yield		Current Year Yield Ratio	Internal		9999999.99	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
		Rate Yield	P15	38	99999999.99	None	
		Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".
Prior Year Yield Ratio **=** Rate Yield / Prior Year Reference Yield		Prior Year Yield Ratio	Internal		9999999.99	Round to 2 decimals.	
		Rate Yield	P15	38	99999999.99	None	
		Prior Year Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".
Current Year Rate Multiplier **=** Current Year Yield Ratio ^ Exponent Value		Current Year Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
		Exponent Value	ADM		S99.999	None	Edit with ADM Base Rate, "A01010".
Prior Year Rate Multiplier **=** Prior Year Yield Ratio ^ Prior Year Exponent Value		Prior Year Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
		Prior Year Exponent Value	ADM		S99.999	None	Edit with ADM Base Rate, "A01010".
Current Year Base Rate **=**	**When Rate Method Code equals Fixed Rate, "F":** Sub County Rate	Current Year Base Rate	Internal		999999.99999999	Round to 8 decimals.	
	When Rate Method Code equals Additive, "A": Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".
	When Rate Method Code equals Multiplicative, "M": Sub County Rate * (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
	Otherwise: Current Year Rate Multiplier * Reference Rate + Fixed Rate.	Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".

			Exhibit Name:	Premium Calculation		
			Exhibit Number:	P11-9, Plan 90	Reinsurance Year:	2011
			Record Name:	Acreage	Version:	DRAFT
			Record Code:	P11	Release Date:	9/23/2010

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Prior Year Base Rate =	**When Rate Method Code equals Fixed Rate, "F":** Sub County Rate	Prior Year Base Rate	Internal		999999.99999999	Round to 8 decimals.	
	When Rate Method Code equals Additive, "A": Sub County Rate + (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".
	When Rate Method Code equals Multiplicative, "M": Sub County Rate * (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Prior Year Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
	Otherwise: Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate	Prior Year Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
Current Year Base Premium Rate =	Current Year Base Rate * Rate Differential Factor * Unit Residual Factor.	Current Year Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
		Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".
		Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". When Unit Structure Code equals "OU" or "BU", then Unit Residual Factor. When Unit Structure Code equals "EU", then Enterprise Unit Residual Factor.

	Exhibit Name:	Premium Calculation			
	Exhibit Number:	P11-9, Plan 90	Reinsurance Year:	2011	
	Record Name:	Acreage	Version:	DRAFT	
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Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
		Prior Year Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
		Prior Year Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".
Prior Year Base Premium Rate	= Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Residual Factor * 1.2	Prior Year Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". When Unit Structure Code equals "OU" or "BU", then Prior Year Unit Residual Factor. When Unit Structure Code equals "EU", then Prior Year Enterprise Unit Residual Factor.
Base Premium Rate	= MIN (Current Year Base Premium Rate, Prior Year Base Premium Rate, or .999)	Base Premium Rate	P11	91	999999.99999999	None	
Section 3: Optional Coverage Calculation							
Additive Optional Rate Adjustment Factor	**When Rate Method Code = A**	Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
	=	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
	SUM (Option Rate(s)) * Rate Differential Factor	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".
Multiplicative Optional Rate Adjustment Factor	**When Rate Method Code = M**	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
	= Product (Option Rate(s))	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".

	Exhibit Name:	Premium Calculation		
	Exhibit Number:	P11-9, Plan 90	Reinsurance Year:	2011
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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 4: Premium Rate Calculation						
Premium Rate = Base Premium Rate * Unit Structure Discount Factor * Multiplicative Optional Rate Adjustment Factor + Additive Optional Rate Adjustment Factor	Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
	Unit Structure Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "OU", then Unit Structure Discount Factor equals Optional Unit Discount Factor. When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor. When Unit Structure Code equals "EU", then Unit Structure Discount Factor equals Enterprise Unit Discount Factor.
Section 5: Total Premium, Subsidy, and Producer Premium Calculation						
Preliminary Total Premium Amount = Premium Liability Amount * Premium Rate * Experience Factor * Premium Rate Surcharge	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number	
	Experience Factor	P11	51	9.999	None	Must be a value between minimum and maximum on ICE, "D10023".
	Premium Rate Surcharge	Internal		9.99	None	When Surcharge Applied Flag equals "Y", then Premium Rate Surcharge must equal 0.05, otherwise must equal 0.00.
Total Premium Amount = Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor	Total Premium Amount	P11	89	9999999999	Round to whole number	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Subsidy Amount = Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	87	9999999999	Round to whole number	
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	90	9999999999	Round to whole number	